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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:36:03 ON 22 FEB 2007

=> file cpalus uspatfull eptfull japio medline biosis embase scisearch
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FILE 'USPATFULL' ENTERED AT 18:36:53 ON 22 FEB 2007

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=> s (drug delivery) and gel

1 FILES SEARCHED...

L1 45910 (DRUG DELIVERY) AND GEL

=> s L1 and (ethanol or (propylene glycol) or glycerin or (polyethylene glycol))

L2 27893 L1 AND (ETHANOL OR (PROPYLENE GLYCOL) OR GLYCERIN OR (POLYETHYLENE GLYCOL))

=> s L2 and (water or aqueous)

L3 26181 L2 AND (WATER OR AQUEOUS)

=> s L3 and ((polyacryl?) or noveon or carbomer)

L4 13543 L3 AND ((POLYACRYL?) OR NOVEON OR CARBOMER)

=> s L4 and ((eudragit or (methacryl? and acryl? and copolymer))

UNMATCHED LEFT PARENTHESIS 'AND ((EUDRAGIT'

The number of right parentheses in a query must be equal to the number of left parentheses.

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LOGINID:sssptaul53cxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	23	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	FEB 15	RUSSIAPAT enhanced with pre-1994 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

=> s 14 and ((eudragit or (methacryl? and acryl? and copolymer)
UNMATCHED LEFT PARENTHESIS 'AND ((EUDRAGIT'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s 14 and ((eudragit or (methacryl? and acryl? and copolymer)))
L5 2192 L4 AND ((EUDRAGIT OR (METHACRYL? AND ACRYL? AND COPOLYMER)))

=> s 15 and triclosan
L6 180 L5 AND TRICLOSAN

=> s 16 and (skin or mouth or vagina nose or nasal? or mucosal?)
L7 162 L6 AND (SKIN OR MOUTH OR VAGINA NOSE OR NASAL? OR MUCOSAL?)

=> s 17 and solvent
L8 155 L7 AND SOLVENT

=> s 18 and amlexanox
L9 7 L8 AND AMLEXANOX

=> d 19 1-7 ibib abs

L9 ANSWER 1 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2006:92477 USPATFULL
TITLE: Transdermal drug delivery device
including an occlusive backing
INVENTOR(S): Kanios, David, Miami, FL, UNITED STATES
Mantelle, Juan A., Miami, FL, UNITED STATES
Nguyen, Viet, Miami, FL, UNITED STATES
PATENT ASSIGNEE(S): Noven Pharmaceuticals, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006078604	A1	20060413
APPLICATION INFO.:	US 2005-245180	A1	20051007 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-616861P	20041008 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP, 2101 L Street, NW, Washington, DC, 20037, US	
NUMBER OF CLAIMS:	53	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	2564	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A transdermal drug delivery system for the topical
application of one or more active agents contained in one or more
polymeric and/or adhesive carrier layers, proximate to a non-drug
containing polymeric backing layer which can control the delivery rate
and profile of the transdermal drug delivery system
by adjusting the moisture vapor transmission rate of the polymeric
backing layer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:285098 USPATFULL
TITLE: Compositions and methods to effect the release profile
in the transdermal administration of active agents
INVENTOR(S): Kanios, David, Miami, FL, United States

PATENT ASSIGNEE(S): Noven Pharmaceuticals, Inc., Miami, FL, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6638528	B1	20031028
APPLICATION INFO.:	US 2002-86457		20020301 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-765932, filed on 19 Jan 2001, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-177103P	20000120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Joynes, Robert M.	
LEGAL REPRESENTATIVE:	Kolman, Esq., Jay G.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)	
LINE COUNT:	2021	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the transdermal delivery of active agents up to a period of seven days or more at substantially a zero-order release rate comprising a pharmaceutically acceptable adhesive matrix and a polymeric plastic material that provides a release rate regulating effect on the active agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:86878 USPATFULL
TITLE: Liquid formulations for the prevention and treatment of mucosal diseases and disorders
INVENTOR(S): Jacob, Jeremy E., Lewisville, TX, UNITED STATES
Nowotnik, David P., Colleyville, TX, UNITED STATES
Baud, Christiane M., Dallas, TX, UNITED STATES
PATENT ASSIGNEE(S): ACCESS PHARMACEUTICALS, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003060486	A1	20030327
APPLICATION INFO.:	US 2002-219634	A1	20020815 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-77459, filed on 15 Feb 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-269049P	20010215 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Daniel S. Hodgins, JACKSON WALKER, LLP, Suite 2100, 112 E. Pecan, San Antonio, TX, 78205	
NUMBER OF CLAIMS:	34	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	1043	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable, viscous, mucoadhesive aqueous compositions which are useful for the prevention and treatment of ulcerative, inflammatory, and/or erosive disorders of mucous membranes, especially mucositis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:258475 USPATFULL
TITLE: pH-sensitive mucoadhesive film-forming gels and
wax-film composites suitable for topical and
mucosal delivery of molecules
INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES
Jay, Michael, Lexington, KY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002142042	A1	20021003
APPLICATION INFO.:	US 2000-748133	A1	20001227 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MCDERMOTT, WILL & EMERY, 600 13th Street, N.W., Washington, DC, 20005-3096		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1857		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pH-sensitive mucoadhesive film-forming gels and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The gels comprise a pharmaceutically acceptable pH-sensitive polymer that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an adhesive polymer that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said pH-sensitive mucoadhesive layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said pH-sensitive film-forming gels and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:242827 USPATFULL
TITLE: pH-sensitive mucoadhesive film-forming gels and
wax-film composites suitable for topical and
mucosal delivery of molecules
INVENTOR(S): Mumper, Russell, Lexington, KY, UNITED STATES
Jay, Michael, Lexington, KY, UNITED STATES
PATENT ASSIGNEE(S): UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132008	A1	20020919
APPLICATION INFO.:	US 2002-72320	A1	20020207 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-748133, filed on 27 Dec 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	David L. Parker, Esq., FULBRIGHT & JAWORSKI L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX, 78701		
NUMBER OF CLAIMS:	62		

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 12 Drawing Page(s)
LINE COUNT: 1846

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pH-sensitive mucoadhesive film-forming gels and wax-film composites suitable for topical and mucosal delivery of molecules of interest, namely active pharmaceuticals. The gels comprise a pharmaceutically acceptable pH-sensitive polymer that responds to a lowering of pH by precipitating into films when in contact with the skin or mucosal surface. The films also comprise an adhesive polymer that allows the film to remain in contact with the tissue for an extended period of time. The wax-film composites comprise a bi-layer film having both the said pH-sensitive mucoadhesive layer to promote strong adherence to the skin and mucosal surfaces as well as a specially bonded wax layer intended to extend the adherence of the film to tissues for a prolonged period of time. The invention also relates to the use of said pH-sensitive film-forming gels and wax-film composites to deliver molecules of interest, such as small molecules, peptides, proteins, and nucleic acids either locally to act at the site of administration or for the absorption of said molecules of interest across biological membranes into the systemic circulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:8068 USPATFULL
TITLE: Compositions and methods to effect the release profile in the transdermal administration of active agents
INVENTOR(S): Kanios, David, Miami, FL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004065	A1	20020110
APPLICATION INFO.:	US 2001-765932	A1	20010119 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-177103P	20000120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Noven Pharmaceuticals, Inc., 11960 S.W. 144th Street, Miami, FL, 33186	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Page(s)	
LINE COUNT:	2059	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the transdermal delivery of active agents up to a period of seven days or more at substantially a zero-order release rate comprising a pharmaceutically acceptable adhesive matrix and a polymeric plastic material that provides a release rate regulating effect on the active agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 7 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER: 1998:75180 EPFULL
ENTRY DATE PUBLICATION: 20051228
UPDATE DATE PUBLICAT.: 20061108
DATA UPDATE DATE: 20061108
DATA UPDATE WEEK: 200645
TITLE (ENGLISH): BIOADHESIVE COMPOSITIONS AND METHODS FOR TOPICAL

TITLE (FRENCH): ADMINISTRATION OF ACTIVE AGENTS
 COMPOSITIONS BIOADHESIVES ET METHODES D'ADMINISTRATION
 LOCALE D'AGENTS ACTIFS
 TITLE (GERMAN): BIOLOGISCHE KLEBER UND VERFAHREN ZUR TOPISCHEN
 VERABREICHUNG VON WIRKSTOFFEN
 INVENTOR(S): MANTELLE, Juan, c/o Noven Pharmaceutical Inc 11960 S.W
 144th Str, Miami, FL 33176, US; HOUZE, David, c/o Noven
 Pharmaceutical Inc 11960 S.W 144th Str, Miami, FL
 33186, US; KANIOS, David, c/o Noven Pharmaceutical Inc
 11960 S.W 144th Str, Miami, FL 33196, US
 PATENT APPLICANT(S): NOVEN PHARMACEUTICALS, INC., 11960 S.W. 144th Street,
 Miami, FL 33186, US
 PATENT APPL. NUMBER: 1144462
 AGENT: Isenbruck, Guenter, Isenbruck, Boesl, Hoerschler,
 Wichmann, Huhn Patentanwaelte Theodor-Heuss-Anlage 12,
 68165 Mannheim, DE
 AGENT NUMBER: 52184
 DOCUMENT TYPE: Patent
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1021204	B1	20051228

DESIGNATED STATES: WO 9915210 19990401
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
 SE
 APPLICATION INFO.: EP 1998-949505 A 19980925
 WO 1998-US20091 A 19980925
 PRIORITY INFO.: US 1997-61155P P 19970926
 CITED PATENT LIT.: FR 2532546 A
 GB 1050070 A
 GB 2046773 A
 US 4593053 A
 US 5656286 A